**TOSHIBA**

## Satellite A75 Series

| Model Name | Description | Part Number | UPC Code |
|---|---|---|---|
| Satellite A75-S2112 | Intel® Pentium® 4 Processor 532, 15.4" TruBrite™, 512MB, 60GB (4200 RPM), DVD-SuperMulti, 802.11bg Wireless LAN, TV-Out, CD play/Instant play button, Parallel port, Microsoft® Windows® XP Home (SP2),1-year Limited Warranty | PSA70U-0WQ00G | **032017305939** |

## System Characteristics[1]

### Operating System
- Microsoft® Windows® XP Home (SP2)

### Processor[2] and Chipset
- Mobile Intel® Pentium® 4 Processor 532 supporting HT Technology [3.06GHz, 1MB L2 cache, 533MHz Front Side Bus]
- ATI MOBILITY® RADEON® 9000 IGP

### Memory
- 512MB (Min)/1280MB (Max). PC2700 DDR333 SDRAM 2.5V SODIMM Memory modules (One slot may be occupied)

### Mass Storage[3]
**Hard Disk Drive:**
- 60GB (4200 RPM), Enhanced IDE (ATA-6) hard disk drive; 9.5mm height; user removable

**Optical Disk Drive:**
- **Fixed Bay DVD Super Multi Drive**, 5.25" EIDE, 12.7mm height.
  Maximum Speed
  CD-ROM(24x:read), CD-R(16x:write), CD-RW(4x:write), DVD-ROM(8x:read), DVD-R(4x:write), DVD-RW(2x:write), DVD+R(2.4x:write), DVD+RW(2.4x:write), DVD-RAM(2x:write)
  Compatibility
  CD-ROM(read), CD-R(read/write), CD-RW(read/write), DVD-ROM(read), DVD-R(read/write), DVD-RW(read/write), DVD+R(read/write), DVD+RW(read/write), DVD-RAM(read/write)

**Optional Floppy Disk Drive:**
External USB Floppy Drive, 3.5", 1.44MB

### Display[4]
- 15.4" diagonal widescreen TruBrite™ TFT active-matrix LCD display at 1280 x 800 native resolution
- Maximum brightness 232 Cd/$m^2$
- Brightness Control

### Graphics
- ATI MOBILITY™ RADEON® 9000 IGP with 64MB of shared memory, user adjustable to 128MB

### Input Devices
- Keyboard**:** Full sized 85 keys with 12 function keys, 2.7mm key stroke, 6mm height; Dedicated Windows® & Application keys support; HotKey function
- Mouse: Touch Pad

### Expandability
- 1 main memory slot (may be occupied).
- 1 PC Card slot support 1 Type II, PCMCIA R2.01, PC Card16, CardBus
- CD play/Instant play button
- Bridge Media Adaptor (Secure Digital®, Memory Stick™, Memory Stick Pro™, SmartMedia™, Multi Media Card, xD-Picture [shared slots])

### Communications[5]
- Integrated V.92 modem
- Realtek - 10/100 Base-TX Ethernet
- Integrated Atheros 802.11 bg Wireless LAN supporting Atheros SuperG™ technology

### Ports
**Standard**
- RGB (monitor) port
- TV-Out port (S-video)
- 3 Universal Serial Bus (USB) port (v2.0)
- External Microphone jack
- Headphone jack
- RJ-45 LAN port
- RJ-11 modem port
- Parallel port

### Physical Description
- Dimensions (WxDxH Front/H Rear): 14.4" x 10.8" x 1.54"/1.81"
- Weight[6]: Starting at 7.97lbs depending upon configuration
- LED Indicators: DC-In, Power, Primary Battery, Hard Drive, CD-DVD ROM Access, Wireless indicator, Caps Lock, Arrow Lock, Numeric Lock, Main Battery Charging Status, Sleep Suspend Mode, Secure Digital Card, Multiple Digital Media Card

### Sound
- Realtek ALC250
- 16-bit stereo; Built-in stereo speakers
- 3D Sound Support, Direct 3D Sound; DirectSound, Direct Music, MIDI (playback) Support
- Sound Volume Control Dial

### Power Supply
- 120W (19V 6.3A) Auto-sensing external AC Adapter, 100-240V / 50-60Hz input.

### Battery[7]
- 12-cell (6450mAh), rechargeable, removable Lithium Ion (Li-Ion) battery pack
- Battery Life (Normal Mode): Up to 2 hours (12-cell battery) (measured by Winstone™)

### Security
- Slot for cable lock; HDD, memory (by screw only); User Power-on password, Supervisor Password (Set-up Security), Screen Blank (by HotKey), Screen Saver (by software).

### BIOS
- ACPI v1.0b, PNP v1.0a, VESA v2.0, DPMS, DDC, SM BIOS v2.31, PCI BIOS v2.2 support

### Software[8]
**Toshiba Software and Utilities**
- Toshiba Notebook Maximizer
- Toshiba Speech System
- Toshiba ConfigFree™
- Toshiba Custom Utilities
- Toshiba Touch and Launch
- TOSHIBA MyConnect™ - 45 day free trial offer
  *MYCONNECT OFFER DETAILS: 1 Valid in the US only! You must cancel your Access Plan before the end of the trial period to avoid being charged the $39.95 monthly Access Service fee for the six month plan commitment period. Monthly automatic renewal feature after end of commitment period. Available to new members in the U.S., age 18 or older, and a major credit card for billing is required. Offer is for unlimited dial-up, wired broadband, or Wi-Fi remote access connection time in the 50 United States and the District of Columbia within the MyConnect service area for 30 day continuous service periods. Use of optional 800 telephone number dial-up usage will incur additional fees even during the trial period. Other terms and conditions apply. Offer expires December 31, 2004. Information, prices, and availability subject to change without notice.*

**Third-party Software**
- Microsoft® Works
- Microsoft® Office OneNote™ 2003
- Software Decoder: InterVideo® (Win-DVD™ 5) -w/SRS TruSurround XT® Technology (SRS TruSurround XT® Technology features: TruSurround, SRS Dialog Clarity Enhancement, & TruBass)
- Sonic® Solutions Drive Letter Access (DLA)
- Sonic® Solutions RecordNow!™ Basic
- ArcSoft ShowBiz® DVD Version 1.3
- Intuit® Quicken® New User Edition 2004
- Norton AntiVirus™ 2004 – w/3-Month Subscription
- AOL® (3 –Month offer)
  *AOL OFFER DETAILS: Availability may be limited, especially during peak times. TO AVOID BEING CHARGED A MONTHLY MEMBERSHIP FEE, SIMPLY CANCEL BEFORE THE THREE-MONTH PROMOTIONAL PERIOD ENDS. Premium services carry surcharges and communication surcharges may apply, including AK, even during promotional period. Members may incur telephone charges on their phone bill, depending on their location and calling plan, even during promotional period. Available to new AOL members in the United States, age 18 or older; a major credit card or checking account is required.*

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- Adobe® Acrobat Reader
- AT&T® Worldnet® Service – 1 Month FREE
  *Telephone access and other charges and other terms and conditions may apply. Offer available to new customers only.*
- QuickTime™ Player
- RealOne™ Player 8 Basic
- Microsoft® Internet Explorer
- Napster™ online digital music service (30-day trial)

### Environmental Specifications

| | Operating | Non-Operating |
|---|---|---|
| **Temperature** | 5° to 35°C (41° to 95°F) | -20° to 65°C (-4° to 149°F) |
| **Thermal Gradient** | 15°C per hour maximum | 20°C per hour maximum |
| **Relative Humidity** | 20% to 80% | 10% to 95% |
| **Altitude (relative to sea level)** | -60 to 3000 meters | -60 to 10,000 meters |
| **Shock** | 7G | 60G |
| **Vibration** | 0.2G | 1.0G |

### Limited Warranty

- 1 year parts, labor, and battery

### Extended Warranty

Toshiba offers many different warranty extensions and enhanced service plans such as SystemGuard®, At-Home Repair, and Service Express to provide additional support to your notebook PC. For a full description and complete list of programs, please visit www.accessories.toshiba.com

**Models with 1 Year Standard Limited Warranty**

- 2nd/3rd Year Warranty Extension
  SWP-PEQQ3V
- 3 Year SystemGuard + 2nd/3rd Year Warranty Extension
  SWP-PEGQ3V
- 3 Year ServiceExpress + 2nd/3rd Year Warranty Extension
  SWP-PEQP3V
- 3 Year At-Home Repair + 2nd/3rd Year Warranty Extension
  SWP-PEQH3V
- 3 Year SystemGuard + Service Express + 2nd/3rd Year Warranty Extension
  SWP-PEGP3V
- 3 Year SystemGuard + At-Home Repair + 2nd/3rd Year Warranty Extension
  SWP-PEGH3V

*See Toshiba Service Plan Agreement for program terms and conditions at **www.pcsupport.toshiba.com***

## Accessories

For additional and most updated accessories, please visit www.accessories.toshiba.com.

### Memory

| | |
|---|---|
| KTT3311/512 | Kingston PC2100/PC2700, 512MB DDR |
| KTT3311/1G | Kingston PC2100/PC2700, 1GB DDR |

### Power

| | |
|---|---|
| PA3290U-2ACA | Toshiba 120W Global AC Adapter |
| PA3383U-1BRS | Toshiba Primary Li Ion Battery (12 cell) |

### Cases-Security

| | |
|---|---|
| PA1360U-1NCS | Toshiba Nylon Case (15.4") |
| PA1361U-1NCS | Toshiba Executive Leather Case (15.4") |
| PA1362U-1NCS | Toshiba BackPack (15.4") |
| NWDEFCL | Targus-Noteworthy DEFCON CL Cable Lock |

### Input Devices

| | |
|---|---|
| PA1336U-1NKB | Toshiba USB Keyboard |
| PA1337U-1NMS | Toshiba USB Optical Scroller Mouse |
| PA1367U-1NMS | Toshiba USB Ultra-Mini Retractable Scroller Mouse |
| PA1368U-1NHB | Toshiba USB 2.0 Mini 4-Port Hub (w/AC adapter) |

### Storage & Back-up

| | |
|---|---|
| HDD1232CZP41002 | Toshiba 5GB Type II PC Card HDD w/Back-up software |
| PA3109U-1FDD | Toshiba USB Floppy Disk Drive Kit |
| UABS2-80.0 | CMS ABSplus 80GB USB 2.0 Auto Backup Syst |
| UABS2-100 | CMS ABSplus 100GB USB 2.0 Auto Backup Syst |
| PA3404U-1H40 | Toshiba 40GB 1.8" USB Mobile Hard Drive |

### Other

| | |
|---|---|
| PA1370U-1ETC | Toshiba Keyboard Protector (Tecra/Satellite/Qosmio) |
| PA3390U-1MPM | Toshiba Multi Media Center USB/Audio Hub |
| PA3405U-1BTM | Toshiba Bluetooth USB Adapter |

## Business Winstone® 2002 BatteryMark™ Version 1.0

These models achieved the battery life times shown using Ziff Davis Media Inc.'s Business Winstone® 2002 BatteryMark™ Version 1.0. These tests were performed without independent verification by the VeriTest testing division of Lionbridge Technologies, Inc. ("VeriTest"). Neither Ziff Davis Media Inc. nor VeriTest makes any representations or warranties as to the results of the tests. Winstone® is a registered trademark and BatteryMark™ is a trademark of Ziff Davis Publishing Holdings Inc. in the U.S. and other countries. Copyright 2002 Ziff Davis Media Inc. All Rights Reserved. All products used in the tests were shipping versions available to the general public. The battery life results were achieved running the Business Winstone® 2002 BatteryMark™ Version 1.0 on the following system parameters. System parameters were set according to Ziff Davis Media Inc.'s recommendations.

| | | | |
|---|---|---|---|
| Battery Life | Catalog Spec (1st) | 2H | 2H |
| | (1st+2nd) | | |
| | Number of Conditioning Phase | 1 | 1 |
| | Life Test Run | 3 | 3 |

| | | | | |
|---|---|---|---|---|
| A | CPU Name | | Mobile Intel® Pentium® 4 processor 518 with HT Technology | Mobile Intel® Pentium® 4 processor 538 with HT Technology |
| | Processor info | speed | 2.8GHz | 3.2GHz |
| | | number of processors | 1 | 1 |

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| | | | |
|---|---|---|---|
| | amount of RAM | 512MB | 512MB |
| | Amount of secondary RAM cache | 1MB | 1MB |

| | | | | |
|---|---|---|---|---|
| B | Battery | type(1st) | Li-Ion | Li-Ion |
| | | | | |
| | | model number(1st) | PA3383U-1BRS/BAS | PA3383U-1BRS/BAS |
| | | type(2nd) | - | - |
| | | | - | - |
| | | model number(2nd) | - | - |
| | | number of batteries | 1 | 1 |

| | | | |
|---|---|---|---|
| C | Graphics | ATI RC300ML (internal GFX) | ATI RC300ML (internal GFX) |
| | amount and type of RAM | UMA | UMA |
| | | | |
| | graphics driver name and version | V8.01 | V8.01 |
| | graphics resolution and color depth, refresh rate | 1280x800, 32bit, 60Hz | 1280x800, 32bit, 60Hz |

| | | | |
|---|---|---|---|
| D | hard disk capacity | 60G (4200rpm) | 80G (4200rpm) |
| | hard disk file system & transfer mode | Enhanced IDE(ATA-6) | Enhanced IDE(ATA-6) |
| | hard disk controller model | ATI IXP150 | ATI IXP150 |
| | size of hardware cache if any | - | - |

| | | | |
|---|---|---|---|
| E | operating system version, service pack | Windows XP Professional Savice Pack 1 | Windows XP Professional Savice Pack 1 |
| | other special conditions | N/A | N/A |

| | | | |
|---|---|---|---|
| F | BIOS version | 1.00 | 1.00 |
| | Power management setting | see another sheet | see another sheet |

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| | | | Business Winstone 2002 BatteryMark Version 1.0 |
|---|---|---|---|
| | | | Model#1-2 |
| Power Save Mode | Cooling Method | | MaximumPerformance |
| | Intel SpeedStep(R) Technology | | - |
| | Processor speed | 100%-75% | Low |
| | | 74%-50% | Low |
| | | 49%-25% | Low |
| | | 24%-0% | Low |
| | Monitor brightness (* See Notes) | 100%-75% | Mid2 |
| | | 74%-50% | Mid2 |
| | | 49%-25% | Mid2 |
| | | 24%-0% | Mid2 |
| | Turn off monitor | 100%-75% | NEVER |
| | | 74%-50% | NEVER |
| | | 49%-25% | NEVER |
| | | 24%-0% | NEVER |
| | Turn off hard disks | 100%-75% | 3min |
| | | 74%-50% | 3min |
| | | 49%-25% | 3min |
| | | 24%-0% | 3min |
| | System standby | 100%-75% | NEVER |
| | | 74%-50% | NEVER |
| | | 49%-25% | NEVER |
| | | 24%-0% | NEVER |
| | System Hibernate | 100%-75% | NEVER |
| | | 74%-50% | NEVER |
| | | 49%-25% | NEVER |
| | | 24%-0% | NEVER |
| System Power Mode | When I press the power button | | Power off |
| | When I close the lid | | Hibernate |
| | Prompt for password when computer goes off Standby or Hibernation | | Off |
| Alarm | Activate low battery alarm when power level reaches | | Off |
| | Low Battrey Alarm Action | Sound alarm | Off |
| | | Display message | Off |
| | | When the alarm goes off,the computer will: | Off |
| | | When the alarm occurs, run this program: | Off |
| | Activate critical battery alarm when power level reaches | | Off |
| | Critical Battrey Alarm Action | Sound alarm | Off |
| | | Display message | Off |
| | | When the alarm goes off,the computer will: | Off |
| | | When the alarm occurs, run this program: | Off |
| Hibernate | Enable Hibernate Support | | On |
| SoundMAX Audio Power Management | Power Mode | | - |
| | Timer Setting | Instant Power Save | - |
| | | Power Save Delay | - |
| | Internal Speakers | Power Down | - |

## Return Policy

TAIS does not accept the return of component parts, or bundled software, which have been removed from the PC system. Pro-rata refunds on individual PC components or bundled software, including the operating system, will not be granted. If you wish to return a complete PC system, contact the TAIS dealer where you purchased the product, and comply with the dealer's standard return policies and procedures.

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### [1] Subject to Change; Product Series Disclaimer.

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### [2] Central Processing Unit ("CPU") Performance Disclaimer.

CPU performance in your computer product may vary from specifications under the following conditions:

- use of certain external peripheral products
- use of battery power instead of AC power
- use of certain multimedia games or videos with special effects
- use of standard telephone lines or low speed network connections
- use of complex modeling software, such as high end computer aided design applications
- use of computer in areas with low air pressure (high altitude >1,000 meters or >3,280 feet above sea level)
- use of computer at temperatures outside the range of 5°C to 30°C (41°F to 86° F) or >25°C (77°F) at high altitude (all temperature references are approximate and may vary depending on the specific computer model – please refer to your Resource Guide or visit the Toshiba website at www.pcsupport.toshiba.com for details).

CPU performance may also vary from specifications due to design configuration.
Under some conditions, your computer product may automatically shut-down. This is a normal protective feature designed to reduce the risk of lost data or damage to the product when used outside recommended conditions. To avoid risk of lost data, always make back-up copies of data by periodically storing it on an external storage medium. For optimum performance, use your computer product only under recommended conditions. Read additional restrictions under "Environmental Conditions" in your product Resource Guide. Contact Toshiba Technical Service and Support for more information.

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### [3] Hard Drive Capacity Disclaimer.

1 Gigabyte (GB) means 1000 x 1000 x 1000 = 1,000,000,000 bytes using powers of 10. The computer operating system, however, reports storage capacity using powers of 2 for the definition of 1 GB = 1024 x 1024 x 1024 = 1,073,741,824 bytes, and therefore may show less storage capacity. Available storage capacity will also be less if the product includes pre-installed operating system and/or application software. Actual formatted capacity may vary.

### [4] TFT Disclaimer.

Small bright dots may appear on your TFT display when you turn on your PC. Your display contains an extremely large number of thin-film transistors (TFT) and is manufactured using high-precision technology. Any small bright dots that may appear on your display are an intrinsic characteristic of the TFT manufacturing technology. Over a period of time, and depending on the usage of the computer, the brightness of the LCD Screen will deteriorate. This is an intrinsic characteristic of LCD technology. Screen will dim when the computer is operated on battery power and you may not be able to increase the brightness of the screen.

### [5] FCC Modem Speed Disclaimer.

Due to FCC limitations, speeds of 53 kbps are the maximum permissible transmission rates during download. Actual data transmission speeds will vary depending on line conditions.

### Wireless or Connectivity Claims.

Wireless connectivity is subject to availability of access points. You might have to purchase additional software, hardware and/or services or pay for phone charges and air time, etc. to achieve the functionality as advertised.

### [6] Weight Disclaimer

Weight may vary depending on product configuration, vendor components, manufacturing variability and options selected.

### [7] General Battery Life Disclaimer or Business Winstone® 2002 BatteryMark™ Version 1.0 Battery Life Data Disclaimer

Battery life may vary considerably from specifications depending on product model, configuration, applications, power management settings and features utilized, as well as the natural performance variations produced by the design of individual components. Published battery life numbers are achieved on select models and configurations tested by Toshiba at the time of publication. Recharge time varies depending on usage. Battery may not charge while computer is consuming full power. After a period of time, the battery will lose its ability to perform at maximum capacity and will need to be replaced. This is normal for all batteries. To purchase a new battery pack, see the accessories information that shipped with your computer or visit the Toshiba web site at www.accessories.toshiba.com.

[8] Some software may differ from its retail version (if available), and may not include user manuals or all program functionality.

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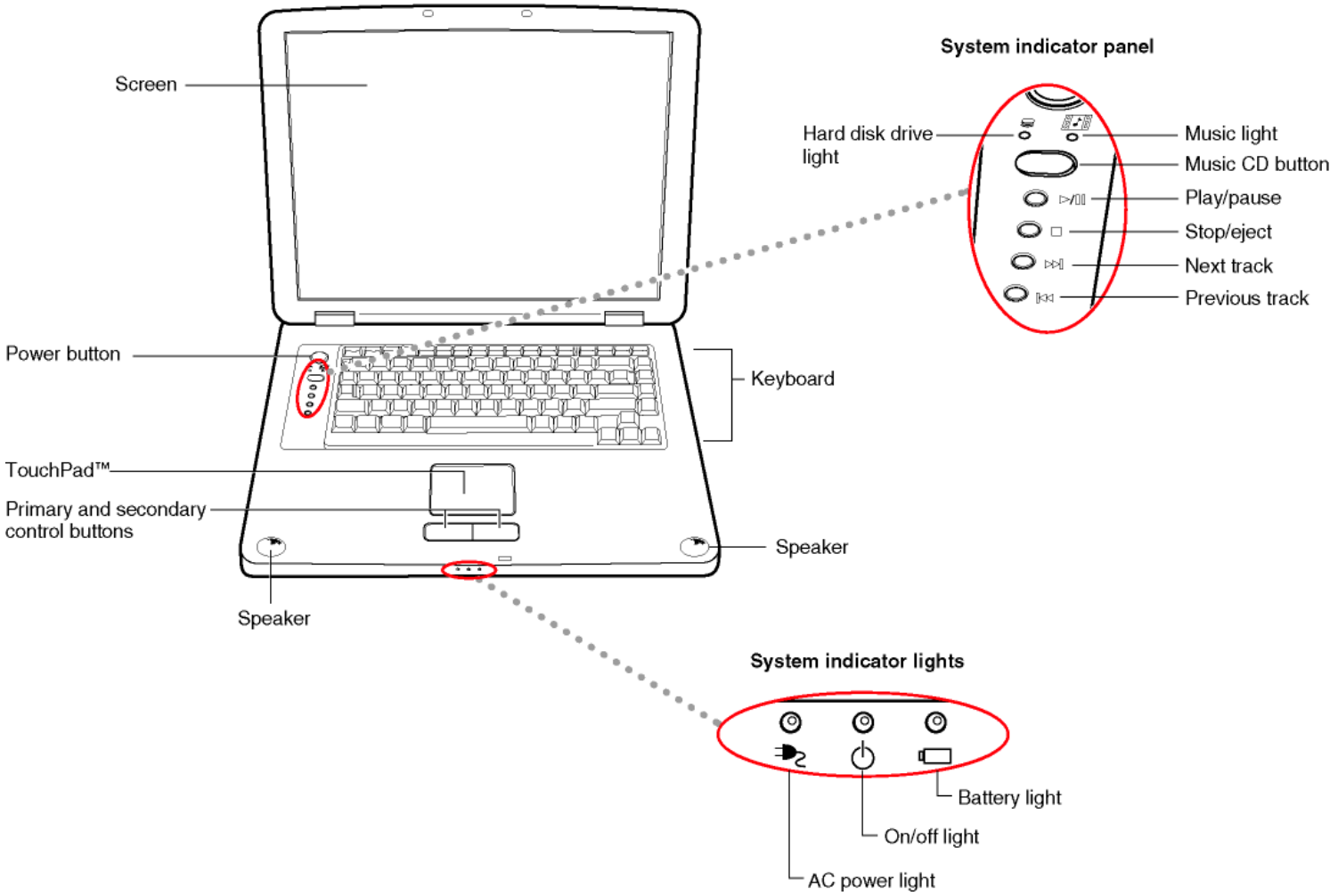
## Drawings

# Front with display open

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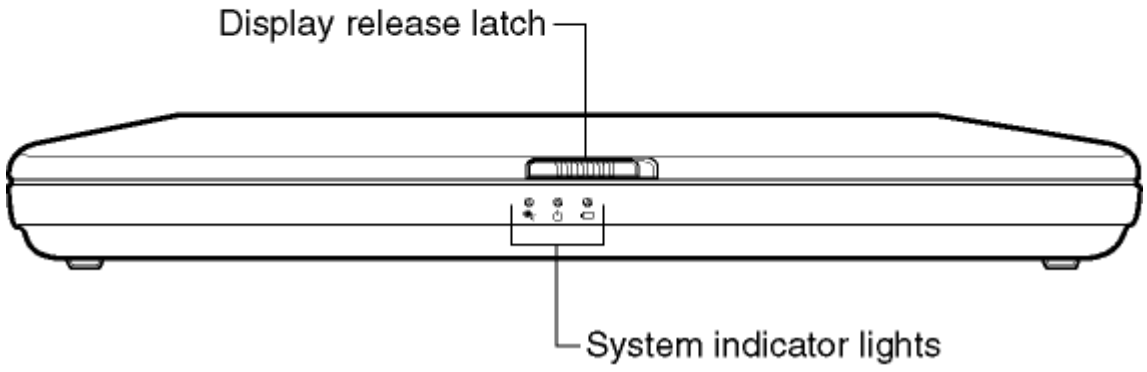


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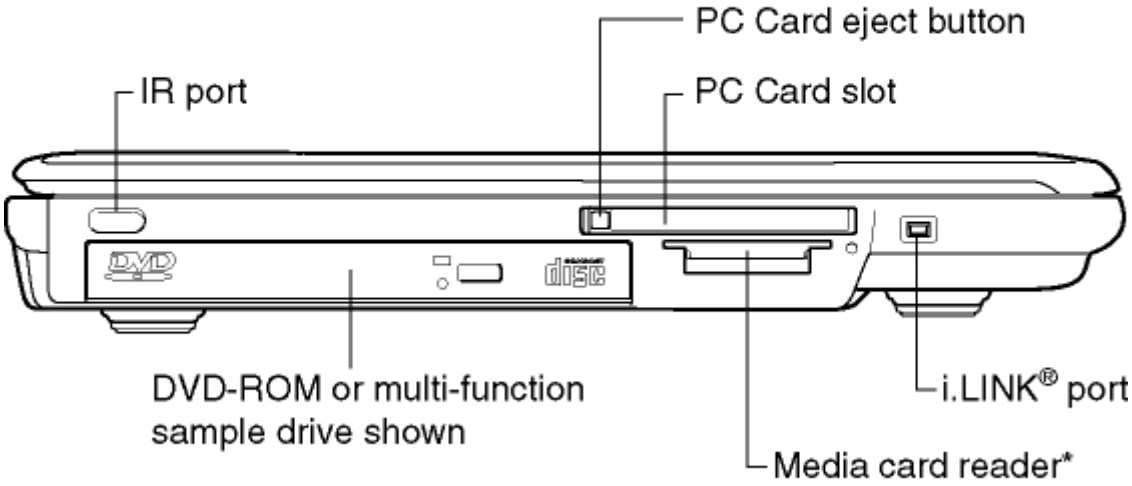
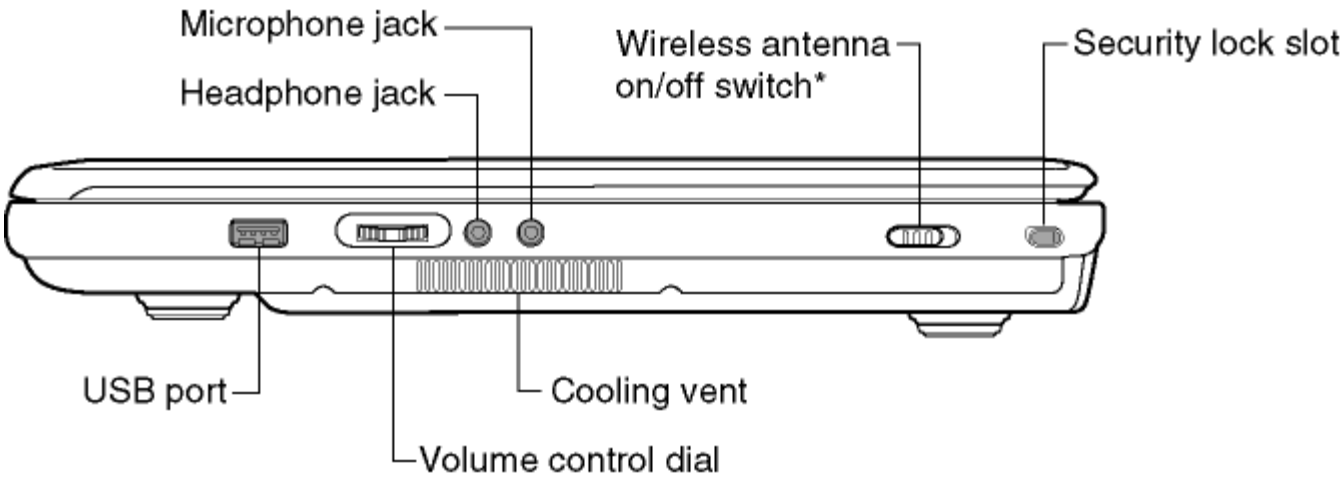
# Left side




*Only on selected models.

# Right side




*Functional only on systems with wireless module installed.

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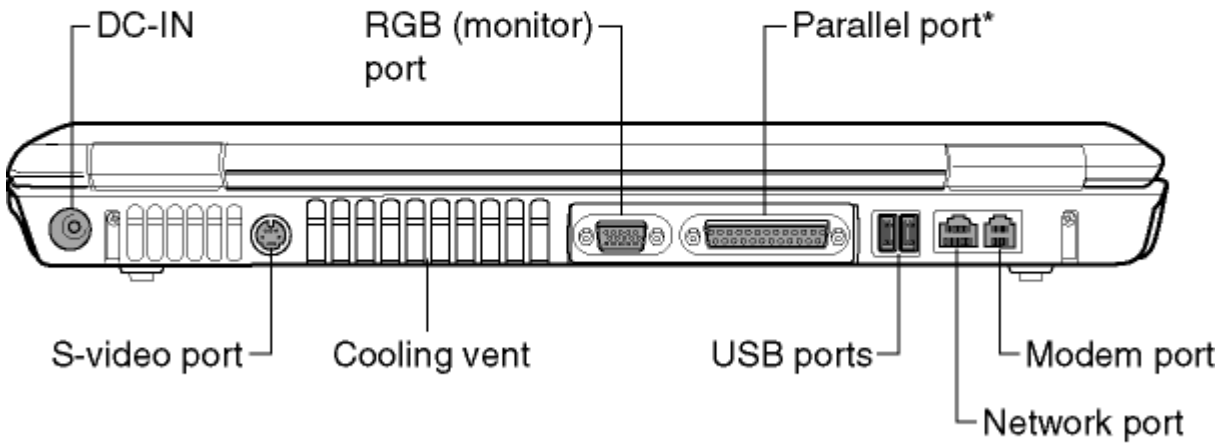
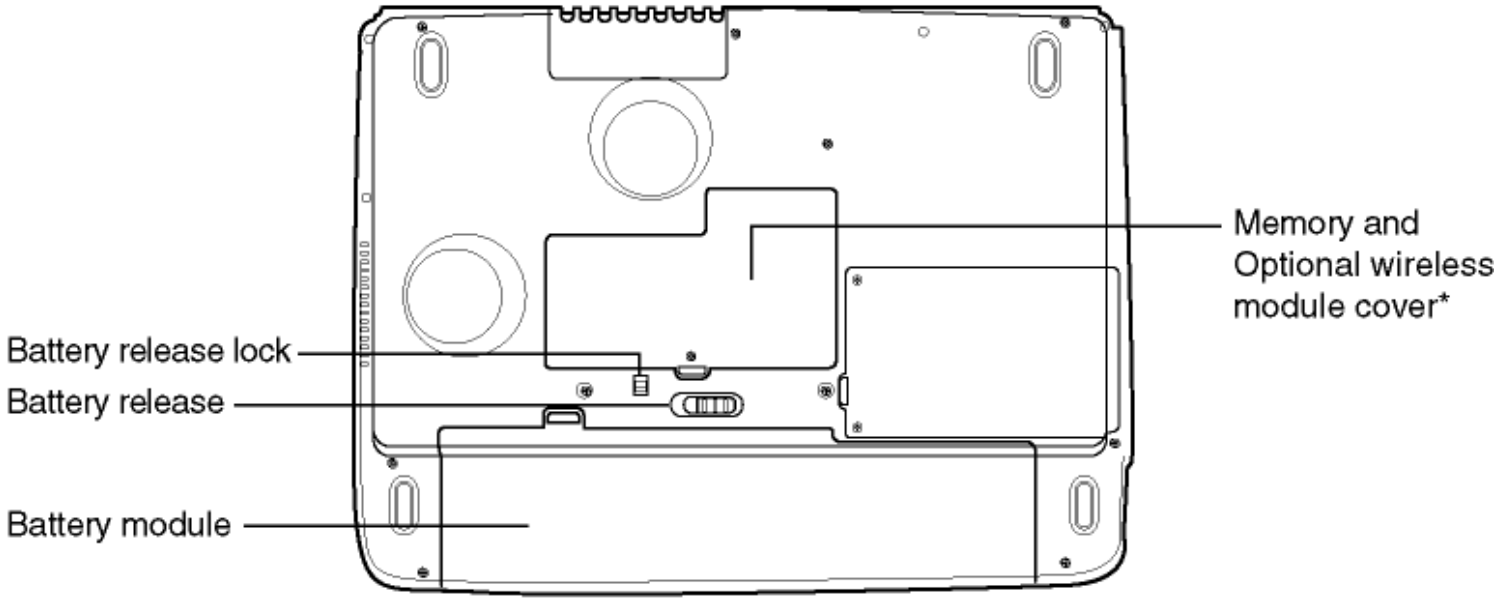
# Back




*Only on selected models.

# Underside




*Functional only on systems with wireless module installed.

[8] Some software may differ from its retail version (if available), and may not include user manuals or all program functionality.

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